Read this article and write a summary reaction to the use of the policies in your journal. Focus primarily on the literature review and the discussion of the findings.

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Bug Bounties are designed to reward ethical hackers by finding vulnerabilities or flaws in one system. It's a platform created for companies or organizations to submit either public or private vulnerabilities for ethical hackers to test and engage. This article focuses on how companies, individuals, and the government can benefit from such a program since it targets key factors such as different vulnerabilities or issues with systems while keeping costs low. In an economic lens this benefits both cost/benefit analysis and involves risk assessment. In cost/benefit analysis companies can explore the use of bug bounties and imply it to companies regulatory scheduling. The analysis compares and contracts certain investments to view short and long term goals and if it's worth funding or not. It's also crucial for companies to consider the likelihood of certain instances, while taking the type of incident, impact, and cost into consideration. For example: if the business has a high-likelihood and a low-cost then its best to mitigate against. Involving risk assessment to bug bounties can assist in decreasing vulnerabilities, attacks and threats to one's system. Risk assessment can also alert various companies of different ways to combat certain instances and provide logical strategies to enhance and improve cybersecurity. By proving the effectiveness of the bug bounties program, the author provided data from HackerOne’s platform from 2014 to 2020. Having this data, it can create policies and regulations on how bug bounties can be enforced in the workplace. Once the program is refined accordingly and becomes available, it can create several opportunities for both business and individuals to invest in.

References

Sridhar, K., & Ng, M. (2021). Hacking for good: Leveraging HackerOne data to develop an economic model of Bug Bounties. Journal of Cybersecurity, 7(1). https://doi.org/10.1093/cybsec/tyab007

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